

Title (en)
HEAT-EMBOSSSED FOIL

Publication
EP 0249896 B1 19900314 (DE)

Application
EP 87108466 A 19870611

Priority
DE 8616114 U 19860614

Abstract (en)
[origin: US4837072A] An embossing foil such as a hot embossing foil includes a backing foil which is a thermoplastic polyester triple-layer foil comprising a central polyester layer which has a lower melting point than the other two polyester layers on respective sides thereof, and a decorative layer on the backing foil, comprising at least one layer of lacquer and possibly an adhesive layer. Provided at the surface of the backing foil which is towards the decorative layer is a three-dimensional patterning.

IPC 1-7
B32B 27/36; **B44C 1/165**; **B44C 1/17**

IPC 8 full level
B32B 15/08 (2006.01); **B32B 27/36** (2006.01); **B44C 1/165** (2006.01); **B44C 1/17** (2006.01); **B44C 3/08** (2006.01)

CPC (source: EP US)
B32B 3/28 (2013.01 - US); **B32B 7/06** (2013.01 - US); **B32B 7/12** (2013.01 - US); **B32B 15/08** (2013.01 - US); **B32B 15/09** (2013.01 - US); **B32B 27/36** (2013.01 - EP US); **B44C 1/1729** (2013.01 - EP US); **B44C 3/085** (2013.01 - EP US); **Y10S 428/913** (2013.01 - EP US); **Y10S 428/914** (2013.01 - EP US); **Y10T 428/24851** (2015.01 - EP US); **Y10T 428/2486** (2015.01 - EP US); **Y10T 428/24917** (2015.01 - EP US); **Y10T 428/2495** (2015.01 - EP US); **Y10T 428/265** (2015.01 - EP US); **Y10T 428/28** (2015.01 - EP US); **Y10T 428/2848** (2015.01 - EP US); **Y10T 428/31681** (2015.04 - EP US); **Y10T 428/31786** (2015.04 - EP US)

Cited by
EP0685676A3; AU659478B2; EP0685675A3; EP0412492A3; WO9405483A1; WO02083430A3

Designated contracting state (EPC)
DE FR GB

DOCDB simple family (publication)
DE 8616114 U1 19860821; DE 3761885 D1 19900419; EP 0249896 A1 19871223; EP 0249896 B1 19900314; HK 44293 A 19930514; JP H0251760 B2 19901108; JP S634999 A 19880109; SG 120692 G 19930129; US 4837072 A 19890606

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DE 8616114 U 19860614; DE 3761885 T 19870611; EP 87108466 A 19870611; HK 44293 A 19930506; JP 14680287 A 19870612; SG 120692 A 19921124; US 5277587 A 19870521